

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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| APPLICANT: Thomas Kruspe et al.  | § | Group Art Unit: 2859           |
| SERIAL NO.: 10/518,125   | § |                                |
| FILED: July 5, 2005  | § | Examiner: Fetzner, T           |
| TITLE: "Antenna Core Material for Use in<br>MWD Resistivity Measurements<br>And NMR Measurements | § | Confirmation No. 6719          |
|  | § | Atty. Dkt. No.:414-13268WOCPUS |

**RESPONSE TO OFFICE ACTION OF SEPTEMBER 8, 2006**

This is in response to the office action of 8 September 2006. Please amend the application as indicated below. Amendments to the specifications start on page 2 of this document. Remarks start on page 8 of this document.